

Four Cities Coordinated Stevens Creek Trail Feasibility Study

Chapter 3 – Site Analysis and Conceptual Trail Alignments

A. Technically Feasible Alignments

Dale/Heatherstone to Fremont Avenue

- Knickerbocker to Mary Avenue – Bike Lanes
- Heatherstone to Bernardo – Bike Lanes
- Creek Corridor – Multi-use Trail
- Franklin to Truman – Greenway and Bike Lanes

Fremont Avenue to Homestead Road

- Mary Avenue – Bike Lanes
- Bernardo Avenue/The Dalles Avenue/Samedra Street – Greenway
- Bernardo Avenue – Multi-use Trail
- Belleville – Bike Lanes or Greenway
- Belleville/Bedford/Fallen Leaf Lane – Bike Lanes or Greenway
- Fallen Leaf Lane – Multi-use Trail or Bike Lanes
- Fallen Leaf Lane – Bike Route or Greenway
- Fremont to Grant to Foothill Expressway – Bike Lanes (Proposed Multi-use Path) to Bike Lanes to “Delineate but not Designate” Lanes

Homestead Road to Stevens Creek Boulevard

- Mary Avenue to Don Burnett Pedestrian and Bicycle Bridge to Stevens Creek Blvd. – Bike Lanes
- Barranca/Peninsular/Caroline/Maxine – Greenway or Bike Lanes to Phar Lap/Madera/Mann – Greenway or Bike Route
- Barranca/Peninsular/Caroline/Maxine – Greenway or Bike Lanes to Stokes/Dempster/Peninsula – Greenway
- Foothill Expressway/Boulevard – “Delineate but not Designate” Lanes to Bike Lanes

Stevens Creek Boulevard Connection to Rancho San Antonio County Park

- Stevens Creek Boulevard – Bike Lanes and Multi-use Trail

B. Alignments Needing More Study

Dale/Heatherstone to Fremont Avenue

- Median Running Path on Mary Avenue
- Grade-separated Crossing of Fremont Avenue at Bernardo

Fremont Avenue to Homestead

- Median Running Path on Mary Avenue
- Grade-separated Crossing of Homestead Road at Bernardo with possible grade-separated Crossing of Highway 85 to Maxine

Homestead Road to Stevens Creek Boulevard

- Grade-separated Crossing at Highway 280
- Interchange Improvements at Highway 280/Foothill

C. Infeasible Alignments and Reasons for Rejections

Dale/Heatherstone to Fremont Avenue

- Trail to Dierick Drive with Highway 85 Overcrossing - Caltrans
- North Side Highway 85 Underpass – No public ownership
- Alignment through Fremont Avenue Office – Public trail easement needed
- Crossing beneath Fremont Avenue – Public trail easement and new bridge needed

Fremont Avenue to Homestead Road

- Trail along the creek – No public ownership

Homestead Road to Stevens Creek Boulevard

- Trail through culverts at Highway 280 – Caltrans concerns
- Trail through SCVWD lands over Highway 280 – Grades
- Trail to Groveland over Highway 280 – PG&E Lines

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D. Potential Through Alignments to Complete the Stevens Creek Trail

1. Potential for longest Class I Trail

Creek Corridor → Bernardo (if grade-separations feasible) → Maxine → Caroline / Peninsular → Highway 280 Overpass → Cupertino Streets (local streets dependent upon overpass alignment relative to Caltrans SR 85 / IS 280 Interchange Improvements) → Stevens Creek Boulevard crossing (under construction) or trail underpass

2. Potential for Complete Trail using City Streets and Creek Corridor

Creek Corridor → Fremont Avenue → Belleville / Fallen Leaf → Homestead → Barranca → Peninsular / Caroline → IS 280 Overpass → Cupertino Streets (local streets dependent upon overpass alignment relative to Caltrans SR 85 / IS 280 Interchange Improvements) → Stevens Creek Boulevard crossing (under construction) or trail underpass

3. Potential for Creek Corridor Trail with Connecting Routes in Sunnyvale and Los Altos – Connector routes would all receive modest on-street improvements to facilitate wayfinding to the creek corridor.

Creek Corridor to Fremont Avenue with Connector Routes including:

- Remington – bike lanes
- Bernardo – multi-use trail along soundwall or greenway
- Belleville – bike lanes or a greenway
- Fallen Leaf Lane – bike route or greenway
- Fremont Avenue – multi-use trail north side






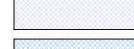










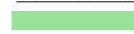
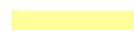





4. Potential for On-Street Connector Routes to Cupertino

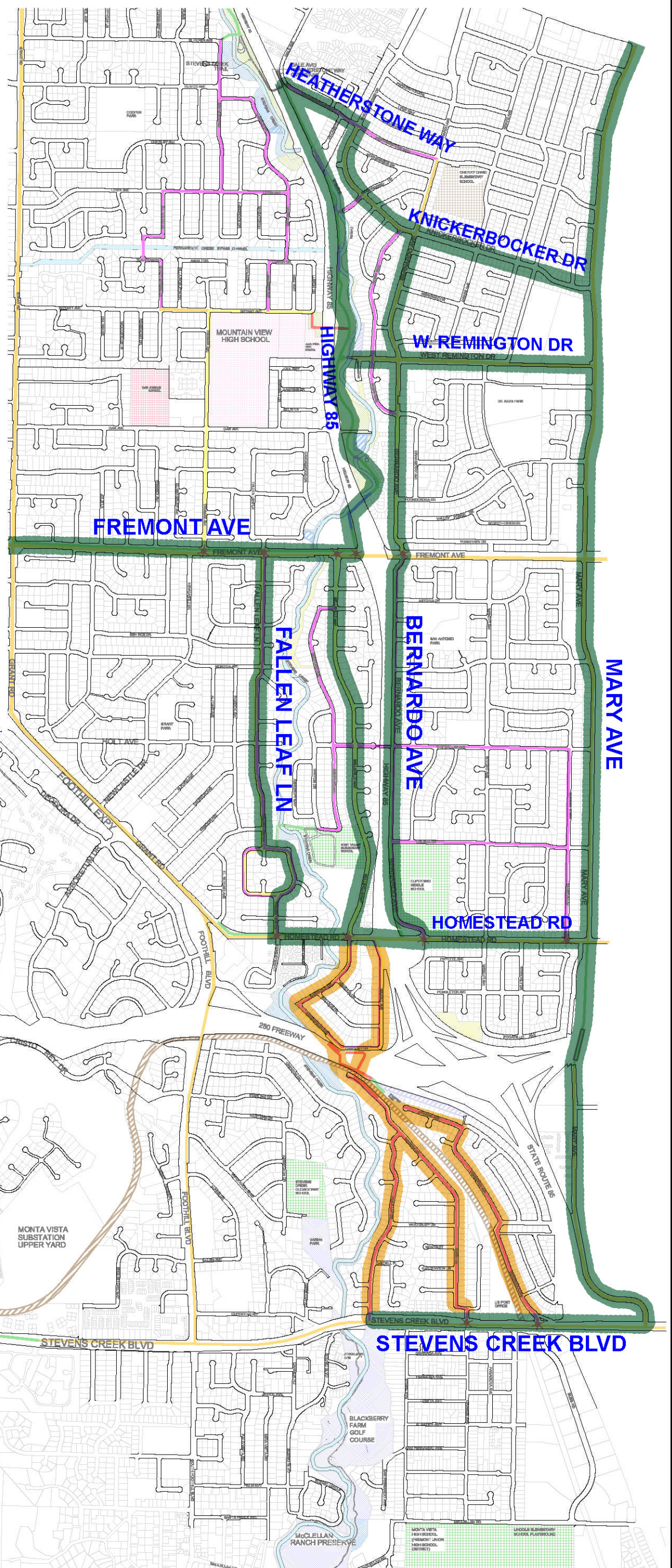
Creek Corridor to Fremont Avenue with Connecting Routes including:

- Mary Avenue to Mary Avenue footbridge to Stevens Creek Boulevard
- Bernardo – multi-use trail along soundwall or greenway to Homestead bike lanes to Mary Avenue footbridge to Stevens Creek Boulevard
- Fallen Leaf Lane – bike routes or greenway to Homestead north side multi-use path to Homestead bike lanes to Mary Avenue footbridge to Stevens Creek Boulevard



E. Potential Short Range Plan and Long Range Vision – See attached map.

LEGEND

-  STEVENS CREEK
 -  CITY OF MOUNTAIN VIEW
 -  CITY OF SUNNYVALE
 -  CITY OF LOS ALTOS
 -  CITY OF CUPERTINO
 -  SCVWD
 -  CALTRANS
 -  PG&E
 -  CAL WATER
 -  SANTA CLARA COUNTY
 -  UPRR
 -  MOUNTAIN VIEW/LOS ALTOS HIGH SCHOOL DISTRICT
 -  SUNNYVALE SCHOOL DISTRICT
 -  LOS ALTOS SCHOOL DISTRICT
 -  CUPERTINO/FREMONT UNION SCHOOL DISTRICT
- POTENTIAL ROUTES AND FACILITIES**
-  CLASS I PATH
 -  CLASS II BIKE LANE
 -  EXISTING CLASS II BIKE LANE
 -  NEIGHBORHOOD GREENWAY
 -  UNDERPASS AND RAMPS
 -  PEDESTRIAN BRIDGE
 -  OVERCROSSING AND RAMPS
 -  BIKE INTERSECTION IMPROVEMENTS



CIRCULATION LEGEND

-  SHORT RANGE (10 YEAR PLAN)
-  LONG RANGE (20 YEAR VISION)

STEVENS CREEK TRAIL-CIRCULATION SYSTEM DALE AVE/HEATHERSTONE WAY TO STEVENS CREEK BLVD

PREPARED ON SEPTEMBER 30, 2013